

Srijay Mundlur

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EDUCATION

University of Waterloo

Bachelor of Applied Science in Mechatronics Engineering

Waterloo, ON

Sept. 2021 – April 2026

EXPERIENCE

Full Stack Developer Intern

September 2023 – December 2023

SAIRYŌ

Ottawa, ON

- Utilized [Angular](#) to develop front-end web-pages and components for a live-streaming service
- Implemented efficient back-end queries and mutations using [GraphQL](#) and [Node.js](#), to optimize site performance
- Developed back-end code for both web and mobile versions of the product, while communicating with other teams
- Revamped the Stripe transaction service on the entire site and fixed various bugs within this service
- Optimized the [MYSQL](#) database for efficient user and site data storage, leveraging [AWS](#) to streamline file storage
- Helped manage [CI/CD](#) pipeline by approving and merging pull requests from other developers

Software Engineering Intern

Jan. 2023 – Apr 2023

Andie Connected Technologies

Toronto, ON

- Developed and maintained multiple web applications using [React.js](#), [Tailwind CSS](#), [HTML](#), and [Node.js](#)
- Worked with third-party [APIs](#) to integrate external services into the Andie web application to enhance user experience
- Improved web-page performance by optimizing load sequences to reduce load times by up to 68%
- Integrated the front-end to the back-end data for the Andie web application using [RESTful APIs](#)
- Collaborated with various departments to enhance web-page readability by discussing layouts and improvements

Junior CAD Drafter

May 2022 – Aug. 2022

CBM Group

Mississauga, ON

- Implemented markups of plumbing, electrical and HVAC systems into architectural drawings using [AutoCAD](#)
- Calculated flow rates for plumbing systems and selected appropriate diameter piping
- Improved drafting efficiency by streamlining the markup to drafting process between coworkers

PROJECTS

E-Commerce Web Application with Admin Panel: | [Next.js](#), [React.js](#), [Tailwind CSS](#), [Mongo DB](#)

- Using [Next.js](#) and [Tailwind CSS](#) developed an admin panel to allow store-owners to create products, track orders and organize products with categories
- Developed a customer-friendly front-end store utilizing [Next.js](#) and [styled components](#), allowing product browsing and secure Stripe-based transactions.
- Implemented cloud file storage via [AWS](#) and incorporated custom profile logins using [Google API](#) for secure authentication of users

AI Chatbot Website | [Next.js](#), [React.js](#), [Tailwind CSS](#), [Elephant SQL](#), [Stripe](#), [Prisma](#), [Replicate API](#)

- Developed a full-stack AI Companion application using [Next.js](#) with [React](#), and [Tailwind CSS](#) for dynamic responsive styling
- Implemented a subscription-based service model with [Stripe](#) for payment processing, [Prisma](#) for object-relational mapping, and [MySQL](#) for database management
- Leveraged AI functionality from [Replicate](#) to interact with users and allow users to create their own custom chat bots

YouTube Clone | [React.js](#), [REST API](#), [CSS](#), [Git](#)

- Developed a full-stack YouTube Clone with [Node.js](#) ([Axios](#)) serving a [REST API](#) with [React](#) as the front-end
- Integrated YouTube Data API endpoints to retrieve and display video metadata, user information, and recommended videos, enhancing the user experience

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, GraphQL, HTML, CSS, C/C++, SQL, MATLAB

Frameworks: React, Node.js, Angular, Tailwind CSS, Next.js, Django, FastAPI

Developer Tools: Git, Github, AWS, MYSQL, BitBucket, VS Code, Eclipse

CAD Software: SOLIDWORKS, AutoCAD